

FATE Annual Science Meeting
NOAA Western Regional Center
7600 Sand Point Way N.E.
Seattle, WA 98115
Bldg. 9, Auditorium
September 8-9, 2009

Tuesday September 8, 2009

09:00 **Roger Hewit** - Introduction and opening remarks

09:10 **Kenric Osgood** - future funding, program reporting

09:20 **Sam McClatchie** - Reassessing the temperature index for sardine stock assessment

09:50 **Andrew Lesing** - Further development towards a biologically effective upwelling index: using upwelling to predict sea surface chlorophyll in the CCS

10:20 Break

10:40 **Evan Howell** - Trying to win the shell game and balance the scales: An update on current FATE ecosystem indicator projects at the PIFSC

11:10 **Gretchen Bath Martin** - Fisheries indices for the Southeast Atlantic (FISEA): Biological indicators of coastal and estuary-dependent fishery production in the U.S. South Atlantic

11:30 **David Richardson** - Developing zooplankton and larval indices for use in Atlantic herring (*Clupea harengus*) stock assessments

11:50 **Barbara Muhling** - Decadal and basin scale oceanographic variability and pelagic fishery production in the Gulf of Mexico

12:10 Lunch

13:30 **Rick Methot** - Incorporating environmental information into stock assessments

14:30 **William Stockhausen** - Developing recruitment forecasts for age structured flatfish stock assessments in the eastern Bering Sea based on models of larval dispersal

14:50 **Joan Browder, Laurent Cherubin** - Development of biological and physical indices for stock evaluation in the Dry Tortugas pink shrimp fishery

15:10 **James Churchill** - Predictors for larval transport success and recruitment for cod in the Gulf of Maine

15:30 Break

15:50 **Laura Palamara** - Developing ecological indicators for spatial fisheries management using ocean observatory defined habitat characteristics in the Mid-Atlantic Bight

16:10 **Bill Peterson** - An integrated assessment of the physical forcing and biological response of the pelagic ecosystem of the northern California Current, focused on coastal pelagics and salmon

16:30 **Francisco Beltran** - Developing statistically robust IPCC climate model products for estuarine-dependent and anadromous fish stock assessments

16:50 **William Sydeman** - Integrating indicators: co-variation, periodicity and amplitude of key biological signals from central Oregon and northern California

Wednesday September 9, 2009

09:00 **Jennifer Boldt** - Index development and ecosystem monitoring and assessment

09:20 **Janet Nye** - Incorporating shifts in spatial distribution into single-species and ecosystem-based fisheries management

09:40 **Jay Peterson** - Status of development of new indices of ocean conditions for the northern California Current

10:00 Break

10:15 **Thomas Wainwright** - Integrating ocean climate indices into Pacific Salmon stock assessments

10:30 **Jim Overland** - Future conditions in the Bering Sea: applications to walleye pollock and flatfish

10:45 **Chris Harvey** - An evaluation of the significance of climate forcing on time-varying growth and fecundity of rockfish in the California Current

11:00 **Eric Bjorkstedt** - Developing recruitment indices for West Coast rockfish using individual-based models and environmentally forced ocean circulation models

11:15 **Open Discussion** - next steps, operationalizing indicators and forecasts into stock assessments/IEAs